AMENDMENTS TO THE CLAIMS

This listing of the claims will replace all prior versions, and listings, of claims in the application.

Listing of the Claims:

1-30. (Canceled)

31. (Currently Amended) A method of providing a point-to-multipoint service in a radio communication system, the method comprising:

generating an identifier for indicating the point-to-multipoint service[[;]], wherein the identifier is configured by a radio resource control (RRC) layer;

adding the generated identifier to a data unit which is for the point-to-multipoint service in a medium access control (MAC) layer, wherein the identifier is included in a header of the data unit; and

transmitting the data unit to a mobile terminal via a Forward Access Channel (FACH) or a (Downlink Shared Channel) DSCH.

32. (Previously Presented) The method of claim 31, wherein the point-to-multipoint service is a multimedia broadcast/multicast service (MBMS).

33. (Previously Presented) The method of claim 31, wherein the identifier is a multimedia broadcast/multicast service (MBMS) radio network temporary identifier (RNTI).

34. (Currently Amended) The method of claim 31, wherein the identifier is generated from [[a]] the radio resource control (RRC) layer.

35. (Previously Presented) The method of claim 34, wherein the RRC layer generates the identifier when a radio access bearer is established, and discards the identifier when the radio access bearer is released.

36. (Canceled)

37. (Currently Amended) The method of claim 32, wherein the MBMS service ~~services~~ is a multicast service.

38. (Currently Amended) The method of claim 31, wherein the ~~transmitted~~ data unit is a protocol data unit.

39. (Previously Presented) The method of claim 31, wherein the data unit includes an indicator indicating a type of the identifier.

40. (Previously Presented) The method of claim 31, wherein the identifier is managed by a controlling radio network controller (CRNC).

41. (Currently Amended) A method of receiving a point-to-multipoint service in a radio communications system, the method comprising:

receiving a data unit including an identifier which indicates the point-to-multipoint service via a Forward Access Channel (FACH) or a (Downlink Shared Channel) DSCH, wherein the identifier is included in a header of the data unit and the identifier was configured by a radio resource control (RRC) layer of a network;

identifying the data unit is for the point-to-multipoint service in a medium access control (MAC) layer using the identifier; and

transferring a point-to-multipoint service data of the data unit to an upper layer.

42. (Previously Presented) The method of claim 41, wherein the point-to-multipoint service is a multimedia broadcast/multicast service (MBMS).

43. (Previously Presented) The method of claim 41, wherein the identifier is a multimedia broadcast/multicast service (MBMS) radio network temporary identifier (RNTI).

44. (Currently Amended) The method of claim 41, wherein the identifier [[is]] was generated from [[a]] the radio resource control (RRC) layer in [[a]] the network.

45. (Previously Presented) The method of claim 44, wherein the RRC layer generates the identifier when a radio access bearer is established, and discards the identifier when the radio access bearer is released.

46. (Canceled)

46. (Canceled)

47. (Currently Amended) The method of claim 42, wherein the MBMS service ~~services~~ is a multicast service.

48. (Currently Amended) The method of claim 41, wherein the ~~received~~ data unit is a protocol data unit ~~from a network~~.

49. (Previously Presented) The method of claim 41, wherein the data unit includes an indicator indicating a type of the identifier.

50. (Previously Presented) The method of claim 41, wherein the point-to-multipoint service data of the data unit to the upper layer is a header-removed data unit.

51. (Previously Presented) The method of claim 41, wherein the identifier is managed by a controlling radio network controller (CRNC).

52. (New) The method of claim 31, wherein the configured identifier is transferred from the RRC layer to the MAC layer.

53. (New) The method of claim 41, wherein the configured identifier was transferred from a RRC layer of a mobile terminal to the MAC layer.

54. (New) The method of claim 31, wherein the header includes a target channel type field (TCTF).

55. (New) The method of claim 41, wherein the header includes a target channel type field (TCTF).

56. (New) The method of claim 31, wherein the identifier is used to identify the point-to-multipoint service among a plurality of point-to-multipoint services.

58. (New) The method of claim 31, wherein the identifier is configured by assigning the identifier by the RRC layer.

59. (New) The method of claim 41, wherein the identifier was configured by assigning the identifier by the RRC layer of the network.